

# Review of: "Impact of Environmental Education on the Knowledge and Attitude of University of Benin Students towards Waste Segregation"

Rema R

Potential competing interests: No potential competing interests to declare.

- a. Could you elaborate on the quasi-experimental research design adopted for this study and its rationale in investigating the effects of environmental education?
- b. What considerations were taken into account when determining the sample size, and how was it deemed representative of the target population?
- c. Could you elaborate on the analytical tools employed, such as frequency and percentage tables, as well as the t-test for testing the null hypothesis ( $H_0$ ) at a 0.05 significance level?
- d. What specific null hypothesis was tested in relation to the relationship between environmental education and knowledge and practice of waste segregation in solid waste management among the two study groups?
- e. Can you elaborate on the implications of these findings and how they emphasize the impact and relevance of environmental education to waste segregation practices?
- f. How was segregation identified as an essential part of waste management in the study?
- g. Can you elaborate on the specific processes involved in waste segregation, such as the collection of wastes in different types/colors of bins, sorting based on material components, and the separation of wastes into useful and useless items at the point of collection?
- h. What were the identified benefits of effective waste segregation, as outlined in the study, such as maintaining a clean and healthy environment, converting disposed materials into reusable items, and overall solid waste management?
- i. How do these benefits contribute to the significance of promoting and implementing waste segregation practices?